

U. W. Moore
U. S. Department of Agriculture

MEMORANDUM
OF
TRAVELING EXPENSES

From *July 8*, 191*4*

To *Aug 30*, 191*4*

Use this Memorandum; it will assist
you in making up your account.
Retain for future reference. : : : :

SUGGESTIONS TO TRAVELERS.

Don't exceed \$5.00 a day for meals, lodging, bath, and waiter fees, the latter not to exceed 30 cents.

Don't exceed 25 cents a day for porter fees on sleeping cars.

Don't exceed 10 cents for porter fees on parlor or chair cars.

Don't exceed \$1.25 a week for laundry; 20 cents for each additional day. Don't bring forward charges for laundry from previous account.

Don't exceed 10 cents for porter fees at stations or hotels.

Don't charge for hotel porter except on arrival and departure.

Don't exceed 10 cents for checking personal baggage.

Don't exceed 50 cents for transfer of self and 50 cents for transfer of baggage between hotels and stations.

Don't purchase railroad tickets when transportation requests can be used, unless distance is less than 100 miles. A charge for cash railroad or Pullman fare must show starting point and destination.

Don't incur ANY expense not covered by letter of authority.

Subvouchers must be taken for lodging, special transportation, personal services, express and freight shipments, and all purchases in excess of \$1.50.

Subvouchers for express shipments must show weight and contents of each shipment.

The signature to a receipt must agree with name at top of subvoucher. In case of an incorporated or nonincorporated company, the full name and title of signer must be given.

Render accounts once a month; include all expenses incurred during the month; enter items in chronological order.

Always state date and hour of departure and arrival.

Give initials of railroad when cash fare is paid.

Always state time, distance, terminal points, and rate when stage, carriage, or other special transportation is used.

Enter waiter tips and street-car fares each day.

Designate meals on trains as "en route;" the point at which any other meal, not included in hotel subvouchers, is taken, must be shown.

Explain any apparent duplication of expense or any unusual expenditure.

A. ZAPPONE,

Chief, Division of Accounts, and Disbursing Clerk.

8-829

July 8, 1914

	Dollars.	Cents.
Breakfast		
Dinner		
Supper	1	60
Lodging		
Pullman porter		
Waiter fees		10
Hotel porter		
Station porter		10
Checking baggage		
excess bag	5	80
bag, transfer		70
carfare		05

Left Wash. 6:10 P.M. via C+O.
 Dinner en route.
 C+O, Bag 4
 Trans 90551 Bnl. ORg. 53.12
 Pullman 90552 Wash. St. Louis 5.00
~~90553 Bnl.~~

July 9

19

	Dollars.	Cents.
Breakfast		50 -
Dinner		95 -
Supper	1	00 -
Lodging		
Pullman porter		25 -
Waiter fees		30 -
Hotel porter		
Station porter		
Checking baggage		

arrived St. Louis 7:18 P.M.

left " 9:10 "

Trans reg 90553 Pullman
St. Louis to Kans. City \$2.00

8-829

July 10

1914

	Dollars.	Cents.
Breakfast		75 -
Dinner	1	00 -
Supper	1	00 -
Lodging		
Pullman porter		25 -
Waiter fees		30 -
Hotel porter		
Station porter		
Checking baggage		10
diff. between upper & lower		70 -

Reg. 90554 - Pullman upper
K.C. to Denver via Burl. \$2.80

arrived Kans. City

7:40 A.M.

left

9:50 "

8-829

July 11, 19

	Dollars.	Cents.
Breakfast		75 -
Dinner		90 -
Supper	1	00 -
Lodging		
Pullman porter		25 -
Waiter fees		30 -
Hotel porter		
Station porter		
Checking baggage		

Reg. 90555 Pullman
 Dinner to Salt Lake \$4.00
 Arrived Denver 7:50 a.m.
 left " 9:00 a.m. D. & R. G.

8-829

July 12, 1914

	Dollars.	Cents.
Breakfast		70 -
Dinner	1	00 -
Supper		70 -
Lodging		
Pullman porter		25 -
Waiter fees		20 -
Hotel porter		10 -
Station porter		
Checking baggage		
Carfare		10 -
Trans. by depot to hotel		75 -

arrived Salt Lake City
 2:35 p.m.

8-829

July 13

, 19

	Dollars.	Cents.
Breakfast		55-
Dinner		40-
Supper		40-
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
carfare		10-

8-829

July 14

, 19

	Dollars.	Cents.
Breakfast		25-
Dinner		40-
Supper		45-
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
2 bx shells	1	20-
telephone		
long distance to		
Wichville gun club		45-

Trans reg. 90556

Salt Lake to Corinne \$2.00

carfare

20

pull boxes 1 day.

15

8-829

July 15, 1904

	Dollars.	Cents.
Breakfast		25-
Dinner		
Supper		
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
Lunch to Duckworth	4	00-
bag. trans hotel to depot		75-
3 nights at Cullen	4	50-
excess bag.		
Salt Lake to Corinne		25-
trans - bag. depot to wharf Corinne		50-

arrived Corinne 9:30 a.m.
left Salt Lake 7:00 a.m.

8-829

July 20, 1904

	Dollars.	Cents.
Breakfast		50-
Dinner		45-
Supper		
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		10-
Station porter		
Checking baggage		
Board Duckworth	10	00-
Lunch to Corinne	4	00-

Business in Corinne
request no 90557
Corinne to Salt Lake 2:00
left Corinne 2:40
Arrived Salt Lake 5:00 P.M.

8-829

July 21

19

	Dollars.	Cents.
Breakfast		35-
Dinner		50-
Supper		45-
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
to the		50-
gun oil		15-
Carfare		10-

8-829

July 22

19

	Dollars.	Cents.
Breakfast		40-
Dinner		45-
Supper		60-
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
Laundry		110-
litronal 2 bottles		30✓
Carfare		20✓

(Room Rent)

8-829

(Room Rent)

July 23

1914

	Dollars.	Cents.
Breakfast		35 ✓
Dinner		
Supper		
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
Room & lights	4	50 ✓
Carfare		05 ✓
Lunch	4	00 ✓

8-829

July 27

19

	Dollars.	Cents.
Breakfast		
Dinner		50 ✓
Supper		55 ✓
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
Board Ducluth	8	00 ✓
Lunch	4	00 ✓
bag trans. Corvum		50 ✓
ex bag		25 ✓
bag trans.		
Salt Lake		50 ✓
carfare		15 ✓
dinner in Corvum		
supper Salt Lake		
left Corvum 2:10 arr. Salt Lake	4	45

balance request 9.0559
Corvum to Salt Lake \$2.00

8-829

July 28, 19

	Dollars.	Cents.
Breakfast		30 ✓
Dinner		55 ✓
Supper		50 ✓
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
Tkt. to New State		
Gun Club		15 ✓
Carfare		20 ✓
from		10 ✓
graduate		25 ✓
boots	6.00	✓
Ticket		
Ticket Salt Lake to		
Woods Cross		25 ✓
Carfare		65 ✓
d		

8-829

July 29, 19

	Dollars.	Cents.
Breakfast		30 ✓
Dinner		
Supper		
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
Carfare		85 ✓
Storage on bag		
Salt Lake		25 ✓
Woods Cross to		
Gun Club		50 ✓

Left Salt Lake 7:00 a.m.

Arrived Woods Cross 7:12 a.m.

8-829

July 30, 19

	Dollars.	Cents.
Breakfast		
Dinner		
Supper		
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
lumber etc	5	40 ✓
cornmeal		30
salt		05

from Club to Beautiful
+ ret.

Wm O

S-829

July 31, 19

	Dollars.	Cents.
Breakfast		
Dinner		
Supper		
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
Board New \$ late		
from Club	4	00 ✓

S-829

Aug 3rd, 19...

	Dollars.	Cents.
Breakfast		
Dinner		
Supper		50 ✓
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
Board at New Salt	4	00 ✓
to Woods Cross		50 ✓
carfare		15 ✓
to Salt Lake		25 ✓

Left Woods Cross 6:20 P.M.
Arrived Salt Lake 6:30

Aug 4, 19...

	Dollars.	Cents.
Breakfast		40 ✓
Dinner		60 ✓
Supper		60 -
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
Left from Bigelow Ogden		30 -
carfare		40 -
lunch		25 -
shells		60 -
citrus		15 -
fare to Ogden ret.	1	80 -
Left Salt Lake 3:00 P.M.		
Arr. Ogden 4:00 P.M.		
supper Ogden		
Left Ogden 7:00 P.M.		
Arrived Salt Lake 8:00 P.M.		
Carfare		30 -

Aug 5

, 19

	Dollars.	Cents.
Breakfast		40-
Dinner		
Supper		
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
to Woods Cross		
no subv. rail crowd		25-
to New State Gun Club		50-
grain for ducks		25-
Carfare		05-

S-829

Aug 7

, 19

	Dollars.	Cents.
Breakfast		
Dinner	Bingham	50-
Supper	Ogden	45-
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
to Woods Cross		50-
2 days board		
New State	3	00-
dinner in Bingham		
left Woods Cross	7:12	-
arrived Bingham	9:00	-
auto to Marcher	3	00-
Fare to Ogden		65-
left Bingham 5:25	arr. Ogden	4:15-
Fare to Woods Cross		85-
left Ogden 5:00	arr. woods	6:20-
to New State		50-

OK request 40.56 to be sent to Bingham 150

Aug 8

19

	Dollars.	Cents.
Breakfast		50-
Dinner		50-
Supper		60-
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
breakfast dinner at New Utah		
to Woods Cross		50-
to Salt Lake		25-
laundry	1	50-

left Woods Cross 6:20

arr. Salt Lake 6:35

8-829

Aug 9

19

	Dollars.	Cents.
Breakfast		35-
Dinner		50-
Supper		55-
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
to Emigration		
Canyon & ret.		80-
carfare		10-

8-829

Aug 16, 19

	Dollars.	Cents.
Breakfast		55-
Dinner		
Supper		
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
Carefare		05-
Trans reg. 90621		
Salt Lake to Corinne \$2.00		
Left Salt Lake 7:00 arr. Corinne 9:30		
Wagon to wharf		
in Corinne		.50-
lumber	2.30-	
hardware	2.20-	
boat to duckville	4.00-	

8-829

Aug 17, 19

	Dollars.	Cents.
Breakfast		
Dinner		50-
Supper		50-
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
board 7 days at		
Duckville	14.00-	
boat to Corinne	4.00-	
left Corinne 2:10		
dinner in Corinne		
bag trans.		.50-
Trans reg. 90622 Corinne to		
Salt Lake 2.00		
Carefare		.15-

8-829

Aug 18, 19

	Dollars.	Cents.
Breakfast		40-
Dinner		50-
Supper		50-
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
Shells	1	20-
Laundry		65-
carfare		10-

S-829

Aug 19, 19

	Dollars.	Cents.
Breakfast		35-
Dinner		
Supper		
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
carfare		05-
ticket to Woods Cross		25-
Storage on bag.		25-
left Salt Lake 7:00		
arr. Woods Cross 7:12		
to New State Gun Club		50-

S-829

Aug. 20, 19

	Dollars.	Cents.
Breakfast		
Dinner		
Supper		65-
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
4 meals at New State	2	00-
to Woods Cross		50-
Left Woods Cross 6:20		
Arr. Salt Lake 6:35		
Carfare		.05-
supper in Salt Lake		
Long dist. to Ogden		.25-
ticket Woods Cross &		
Salt Lake		.25-

S-829

Aug 21, 19

	Dollars.	Cents.
Breakfast		35-
Dinner		
Supper		50-
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
fare to Ogden rt.	1	80-
Left Salt Lake 7:00 a.m.		
Arr. Ogden 8:00		
long dist. tel. Salt Lake		30
Carfare Ogden		10-
Left Ogden 9:00		
arr. Salt Lake 10:00		
supper in Ogden		
long dist. tel. Salt Lake to		
Duckville		.45-
Carfare Salt Lake		.10-

S-829

Aug 22

	Dollars.	Cents.
Breakfast		45-
Dinner		60-
Supper		50-
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
Call	1	30-
ether		40-
laundry		65-
storage & bag.		35-
carfare		20-
left Salt Lake 4:15 am. arrived 6:40		
trans. reg. to Corinne		
trans. bag. depot to wharf	1	00-
fruit jars		55-
sunburn		2.70-
hardware		3.89-
lunch to Puckville		4.00-

8-829

Aug. 23

[illegible]

S-829

Aug 30

, 19

	Dollars.	Cents.
Breakfast		
Dinner		
Supper		60 -
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
round trip ticket 173	15	53 -
lunch to Corinne	4	00 -
train fare wharf to depot		50 -
ticket to Brigham		25 -
left Corinne 4:20 arr. Brigham 4:40 PM		
ticket to Ogden		50 -
left Brigham 6:00 arr. Ogden 7:00		
Supper in Brigham		
ticket to Salt Lake		1.00 -
left Ogden 7:11 arr. Salt Lake 8:00		
Chrg on Salt Lake		.05

11-
20-
24-
9

U. S. Department of Agriculture

MEMORANDUM
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To Oct 16, 1914

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Designate meals on trains as "en route;" the point at which any other meal, not included in hotel subvouchers, is taken, must be shown.

Explain any apparent duplication of expense or any unusual expenditure.

A. ZAPPONE,

Chief, Division of Accounts, and Disbursing Clerk.

8-829

Aug 31, 19	
	Dollars. Cents.
Breakfast	40 -
Dinner	50 =
Supper	50 -
Lodging	
Pullman porter	
Waiter fees	
Hotel porter	15
Station porter	45
Checking baggage	
wine	6 00 -
car fare	15 -
fare to Woods Cross	25 -
Sept 2 alt make 2 50 hrs.	
Woods Cross 4 15	
New State Ym Club	50 -
breakfast & supper in alt make	
supper New State	
Room and for Aug	15.00 -

Sept. 1, 19

	Dollars.	Cents.
Breakfast		50-
Dinner		50-
Supper		75-
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
breakfast & dinner New State		
supper Salt Lake		
3 fare		50-
to Woods Cross		50-
fare to Salt Lake		25-
Left Woods Cross 6:20 P. arr. Salt Lake 6:35		
Carfare		40-

S-829

Sept 2., 19

	Dollars.	Cents.
Breakfast		40-
Dinner		50-
Supper		60-
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
formalin		25-
box & packing		15-
carfare		15-

S-829

Sept 3

. 19

S—S29

S—S29

Sept. 11

19

8-829

8-829

Sept. 4

19

	Dollars.	Cents.
Breakfast		
Dinner		
Supper		
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
1 doz. ducks	10	20
box for packing		10
lumber	2	55 -
drayage on lumber		50 -
wheat	1	00 -
Lunch to Duckville	4	00 -
left Corvallis 8:00 am. Duckville	10	45 -

Sept. 5

19

	Dollars.	Cents.
Breakfast		
Dinner		
Supper		
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
1 doz. ducks	10	20 -
box for ducks		10 -

Sept. 6., 19

	Dollars.	Cents.
Breakfast		
Dinner		
Supper		
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
Launch to Corvina & return.	4	00-

Boyle hired this morning
of \$50 per month & board.

S-S29

Sept 8., 19

	Dollars.	Cents.
Breakfast		
Dinner		
Supper		
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
Lumber for fire		50-

S-S29

19

S-S29

19

8-829

Sept 15

19

	Dollars.	Cents.
Breakfast		45-
Dinner		80-
Supper		
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
alcohol		50-
boxes		20-
4 rolls Kodak film @ 65	1	80-
4 boxes shells	2	40-
laundry	1	35-

can fare

20-

Corinne to Duckville

15-

left Salt Lake 4:15 P. Arr. Corinne 6:27

Trans. reg. 90625 Salt Lake

S-829

Corinne

Sept 16

1914

	Dollars.	Cents.
Breakfast		
Dinner		
Supper		30
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
board + lodging		
Corinne	1	25-
2 bu wheat	2	40-
1/2 doz 2 qt. jars		55-
" " pt. jar		40-
Lunch at Duckville	4	00-
left Corinne 10:10 arr. Duckville 11:45		
Trans. reg.		50-

Sept. 21, 1914

	Dollars.	Cents.
Breakfast		60
Dinner		
Supper		
Lodging	1	50
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		

body breakfast in Ogden
 2 Carfare 10 -
 ticket Corinne @ 90 -
 left Ogden 9:15 arr. Corinne 10:27
 dinner self + acct in Corinne 70 -
 shells in Ogden 65 -
 lunch 4.00 -

S-829

Sept. 25, 1914

	Dollars.	Cents.
Breakfast		
Dinner		
Supper		
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		

Board assistant 40 00 -
 wheat 1 00 -
 Board self 8 75 -
 salt .05 -
~~at salt~~

Sept. 25
 Salt Lake 45 -

S-829

Sept. 30, 19

	Dollars.	Cents.
Breakfast		
Dinner		
Supper		
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
Assistant salary	43	75-
Assistant board	10	00-
self board	10	00-
room in Salt Lake	15	00-
laundry	1	35-

8-829

Oct. 2, 19

	Dollars.	Cents.
Breakfast		
Dinner	1	00-
Supper	1	00-
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
board Duckville	2	50-
boat trip	2	00-
let. to Ogden		25-
carfare		15-
trans. bag in Corinne		50-
left Corinne 8:50 A.M. arr.		
Salt Lake 12:15 P.M.		
trans. reg. 9:00 A.M. Corinne to Salt Lake 2		

8-829

Oct. 3

, 19

	Dollars.	Cents.
Breakfast		45-
Dinner		60-
Supper		85-
Lodging		
Pullman porter		
Waiter fees		10-
Hotel porter		10-
Station porter		
Checking baggage		
Trans. bag. house to		
Depot		50-
Car fare		15-
Lodging Oct 1 & 2	1 00	-
Ticket to Ogden	1 00	-
Left Baltimore 11:00 a.m. arr. Ogden 12 noon		
baggage transfer		75-
Laundry		85-

S-829

Oct. 4

, 19

	Dollars.	Cents.
Breakfast		40-
Dinner		85-
Supper		60-
Lodging		
Pullman porter		
Waiter fees		20-
Hotel porter		
Station porter		
Checking baggage		
Car fare		10-

S-829

Oct. 7, 19

	Dollars.	Cents.
Breakfast -----		
Dinner -----		
Supper -----		
Lodging -----		
Pullman porter -----		
Waiter fees -----		
Hotel porter -----		
Station porter -----		
Checking baggage -----		
<i>living him</i>	<i>5</i>	<i>00 -</i>

Oct. 8, 19

	Dollars.	Cents.
Breakfast -----		
Dinner -----		
Supper -----		<i>35 -</i>
Lodging -----		
Pullman porter -----		
Waiter fees -----		
Hotel porter -----		<i>10 -</i>
Station porter -----		
Checking baggage -----		
<i>Hilton Hotel 2 days</i>	<i>3</i>	<i>50 -</i>
<i>Trans. reg. 90628</i>		
<i>Kilton to Ogden 4 30</i>		
<i>supper in Brigham</i>		
<i>left Kilton 3:00 P.M. arr. Ogden 9:00 P.M.</i>		
<i>bag Trans</i>		<i>50 -</i>

Q. 1. 9

19

	Dollars.	Cents.
Breakfast -----		40 -
Dinner -----		65 -
Supper -----		80 -
Lodging -----		
Pullman porter -----		
Waiter fees -----		20 -
Hotel porter -----		
Station porter -----		
Checking baggage -----		
Fare -----		10 -
Tips -----		
Total -----		

8-829

Oct. 10

19

[illegible]

8-829

Oct 11

[illegible]

8-829

12

[illegible]

S—S29

13

8-829

14

S—S29

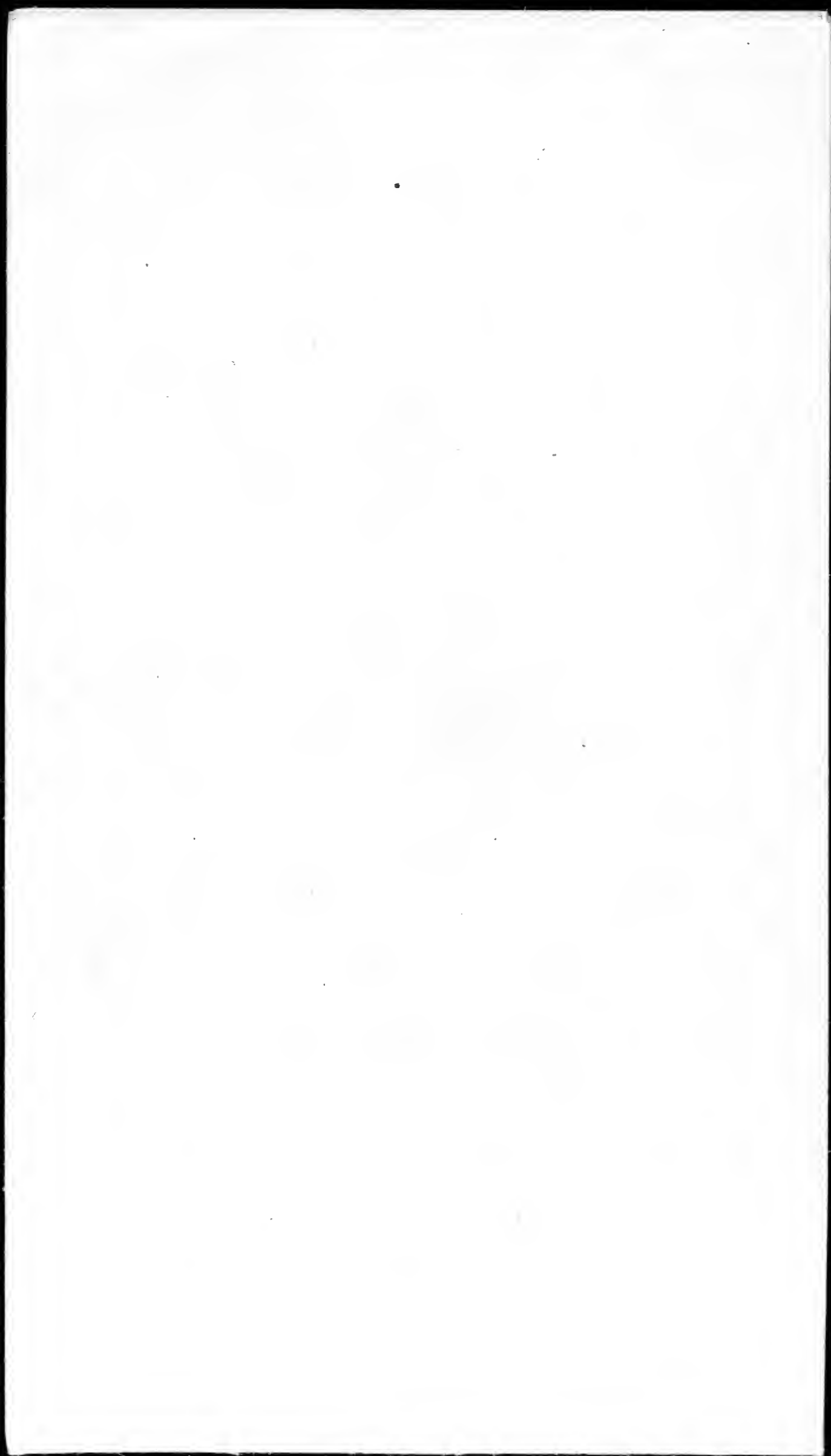
----- 15 -----, 19-----

	Dollars.	Cents.
Breakfast -----		40 -
Dinner -----		30 -
Supper -----		
Lodging -----		
Pullman porter -----		
Waiter fees -----		
Hotel porter -----		
Station porter -----		
Checking baggage -----		
Telephone Duckville -----		20 -
Box for packing -----		10 -
Laundry -----	1	05

8-829

Oct. 16

lodging	12.00 -
laundry	1.05
"	.75
bag. trans.	.50
tel.	.25
hotel porter	.10 -
breakfast Ogden	.45 -
Ticket Corinne	.90 -
Aft Ogden 9:15 arr. Corinne 10:27	
bag. trans.	.50



U. S. Department of Agriculture

MEMORANDUM
OF
TRAVELING EXPENSES

From Oct. 17, 1914

To Nov. 21, 1914

Use this Memorandum; it will assist
you in making up your account.
Retain for future reference. : : : :

SUGGESTIONS TO TRAVELERS.

Don't exceed \$5.00 a day for meals, lodging, bath, and waiter fees, the latter not to exceed 30 cents.

Don't exceed 25 cents a day for porter fees on sleeping cars.

Don't exceed 10 cents for porter fees on parlor or chair cars.

Don't exceed \$1.25 a week for laundry; 20 cents for each additional day. Don't bring forward charges for laundry from previous account.

Don't exceed 10 cents for porter fees at stations or hotels.

Don't charge for hotel porter except on arrival and departure.

Don't exceed 10 cents for checking personal baggage.

Don't exceed 50 cents for transfer of self and 50 cents for transfer of baggage between hotels and stations.

Don't purchase railroad tickets when transportation requests can be used, unless distance is less than 100 miles. A charge for cash railroad or Pullman fare must show starting point and destination.

Don't incur ANY expense not covered by letter of authority.

Subvouchers must be taken for lodging, special transportation, personal services, express and freight shipments, and all purchases in excess of \$1.50.

Subvouchers for express shipments must show weight and contents of each shipment.

The signature to a receipt must agree with name at top of subvoucher. In case of an incorporated or nonincorporated company, the full name and title of signer must be given.

Render accounts once a month; include all expenses incurred during the month; enter items in chronological order.

Always state date and hour of departure and arrival.

Give initials of railroad when cash fare is paid.

Always state time, distance, terminal points, and rate when stage, carriage, or other special transportation is used.

Enter waiter tips and street-car fares each day.

Designate meals on trains as "en route;" the point at which any other meal, not included in hotel subvouchers, is taken, must be shown.

Explain any apparent duplication of expense or any unusual expenditure.

A. ZAPPONE.

Chief, Division of Accounts, and Disbursing Clerk.

8-329

Oct. 17, 19

[illegible]

8-829

Oct. 19, 19

	Dollars.	Cents.
Breakfast		
Dinner		
Supper		
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
<i>grist</i>		<i>300-</i>

S-829

Oct. 23, 19

	Dollars.	Cents.
Breakfast		
Dinner		<i>90-</i>
Supper		<i>85-</i>
Lodging		
Pullman porter		
Waiter fees		<i>20-</i>
Hotel porter		<i>10-</i>
Station porter		
Checking baggage		
<i>7 days board</i>	<i>2⁰⁰</i>	<i>14 00-</i>
<i>boat</i>		<i>2 00-</i>
<i>bag trans.</i>		<i>50-</i>
<i>ticket Corinn to Ogden</i>		<i>90-</i>
<i>left Corinn 8:50 arr. Ogden 10:40.</i>		
<i>round trip to Salt Lake</i>		<i>1.80-</i>
<i>left Ogden 12:00 arr. Salt Lake 1:00</i>		
<i>Carfare</i>		<i>.10-</i>
<i>dinner supper Salt Lake</i>		
<i>left Salt Lake 7:00 arr. Ogden 8:00</i>		
<i>bag trans Ogden</i>		<i>50-</i>

S-829

S—S29

S—829

Oct. 26, 19

	Dollars.	Cents.
Breakfast		40-
Dinner		50-
Supper		75-
Lodging		
Pullman porter		
Waiter fees		30-
Hotel porter		
Station porter		
Checking baggage		
3 2 pt. jars		20-
map Bear River	1	70-
carfare		10-

S-829

Oct. 27, 19

	Dollars.	Cents.
Breakfast		35-
Dinner		30-
Supper		85-
Lodging		
Pullman porter		
Waiter fees		10-
Hotel porter		
Station porter		
Checking baggage		
ether		35-
hivery hire	2	50-

S-829

Oct 28

. 19

	Dollars.	Cents.
Breakfast		45 -
Dinner		50 -
Supper		75 -
Lodging		
Pullman porter		
Waiter fees		20 -
Hotel porter		
Station porter		
Checking baggage		
box for parking		05 -
laundry	1.45	
2 night fare		30 -

S—S29

Oct. 29

19

[illegible]

8-829

4. Oct 20, 19

8-829

27, 19

Hængsling. 90981 Peltma. Dyden 1. an 1. an 5⁰⁰
 90982 Dyden Bkryld. 3575

Nov. 1, 19__

	Dollars.	Cents.
Breakfast		85 ✓
Dinner		60 ✓
Supper		45 ✓
Lodging		
Pullman porter		
Waiter fees		20 ✓
Hotel porter		10 ✓
Station porter		✓
Checking baggage		40 ✓
<i>Carfare</i>		10 ✓
<i>Carfare</i>		15 ✓

arr. San Fran 10:30 a.m.

Nov 2, 19__

	Dollars.	Cents.
Breakfast		35 ✓
Dinner		50 50 ✓
Supper		95 ✓
Lodging		
Pullman porter		
Waiter fees		20 ✓
Hotel porter	10	✓
Station porter		10 ✓
Checking baggage		10 20 ✓
<i>Carfare</i>		10 ✓
<i>Hotel</i>		1.50 ✓
<i>Pullman</i>		2.00 ✓

Left San Fran 6:00 P. M.

arr. Bakerville 2:10 a.m.

No. 3

Trans. reg. 90983, Bitterfield to Lemon
S-S29 $\approx 2.65'$

S-829

2.62

12.4

8-829

8—829

Nov. 5

19

	Dollars.	Cents.
Breakfast		50 ✓
Dinner		40 ✓
Supper		70 ✓
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
3 2 qt. jars		30 ✓
1/2 formalin		30 ✓
2 bottles		10 ✓

Nov. 6

19

	Dollars.	Cents.
Breakfast		30 ✓
Dinner		65 ✓
Supper		60 ✓
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
3 2 qt. jars		30 ✓

19

8—829

19

S-529

low 9

19

	Dollars.	Cents.
Breakfast -----		50
Dinner -----		50
Supper -----		65
Lodging -----		
Pullman porter -----		
Waiter fees -----		
Hotel porter -----		
Station porter -----		
Checking baggage -----		

8-829

Nov. 10

- 19

	Dollars.	Cents.
Breakfast -----		45
Dinner -----	1	00
Supper -----		75
Lodging -----		
Pullman porter -----		
Waiter fees -----		
Hotel porter -----		
Station porter -----		
Checking baggage -----		

8-829

Nov. 11, 19

	Dollars.	Cents.
Breakfast		45 ✓
Dinner		50 ✓
Supper		1 00 ✓
Lodging		
Pullman porter		
Waiter fees		20 ✓
Hotel porter		10 ✓
Station porter		
Checking baggage		
bag transfer	1	00 ✓
excess bag.		
Bkfield to Kuler	1	05 ✓
parlor car		50 ✓
porter		10 ✓
lodging	3	00 ✓

left Bkfield 12²² P.M.
 duffer in Mojave
 arr. Mojave 4⁰⁰ P.M.
 Trans. no. 40984 Bkfield to
 Kuler value 10⁰⁵
 8-829
 left Mojave 11:30 P.M.

Nov. 12, 19

	Dollars.	Cents.
Breakfast		50 ✓
Dinner		50 ✓
Supper		50 ✓
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
arr. Reno 7:30 A.M.		
left Reno 1:00 P.M.		
Breakfast Dinner Reno		
arr. Kuler 2:10 P.M.		

Mar. 13

[illegible]

S-S29

Nov. 14

[illegible]

8-829

Nov 15, 19

	Dollars.	Cents.
Breakfast		50
Dinner		
Supper		
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		
Station porter		
Checking baggage		
Left Kulu 7:30 A.M.		
Arrive Lamsi 11:00 A.M.		
Travelling Kulu to Salt Lake 30		
Excess Bg.		260
Lodging		3:00 ✓

S-829

Nov 16, 19

	Dollars.	Cents.
Breakfast		
Dinner		
Supper		50 50 ✓
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		10 ✓
Station porter		
Checking baggage		
Arrived Lamsi 1 1/2 days 2 50 ✓		
Left Lamsi 11:30 A.M.		
Arr. Mina 5:30 P.M.		
Supper in Mina.		

S-829

Nov. 17

, 19

	Dollars.	Cents.
Breakfast		50 ✓
Dinner		50 ✓
Supper		50 ✓
Lodging		
Pullman porter		
Waiter fees		
Hotel porter		10
Station porter		
Checking baggage		10 ✓
fare to Sodaville		20 ✓
Lodging, Mina	1	00 ✓
left Mina 12:20 P.M.		
breakfast dinner Mina		
arr. Hazen 5:20 P.M.		
supper bag check in Hazen		
train reg 90986 pullman		
Hazen to Salt Lake		3.00
Left Hazen 10:35 P.		

8-829

Nov. 18

, 19

	Dollars.	Cents.
Breakfast	1	00 ✓
Dinner	1	00 ✓
Supper	1	00 ✓
Lodging		
Pullman porter		25 ✓
Waiter fees		30 ✓
Hotel porter		
Station porter		
Checking baggage		
ex bag to Lawrence	2	45 ✓
arr. Salt Lake 2:20		
left " " 2:35		
gov. reg. 90629 Salt Lake to Lawrence		
value \$29.46		
gov. reg. 90630 Salt Lake to Jensen		
Pullman 4.00		

8-829

Nov. 19

, 19

	Dollars.	Cents.
Breakfast		75 ✓
Dinner	1	00 ✓
Supper	1	00 ✓
Lodging		
Pullman porter		25 ✓
Waiter fees		30 ✓
Hotel porter		
Station porter		
Checking baggage		
Carfare		05 ✓

8-829

Nov. 20

, 19

	Dollars.	Cents.
Breakfast		
Dinner		75 ✓
Supper		
Lodging		
Pullman porter		
Waiter fees		10 ✓
Hotel porter		
Station porter		
Checking baggage		10 ✓
Carfare Denver		20 ✓
going 127291 Denver to		
Fort Collins ret. \$3.70		
left Denver 8 ⁰⁰ a.m.		
arr. Ft. Collins 10 ¹⁵		
left " 3 ¹⁵		
arr. Denver 5 ³⁰		
left Denver 8 ⁰⁰		
Carfare Ft. Collins		10 ✓

8-829

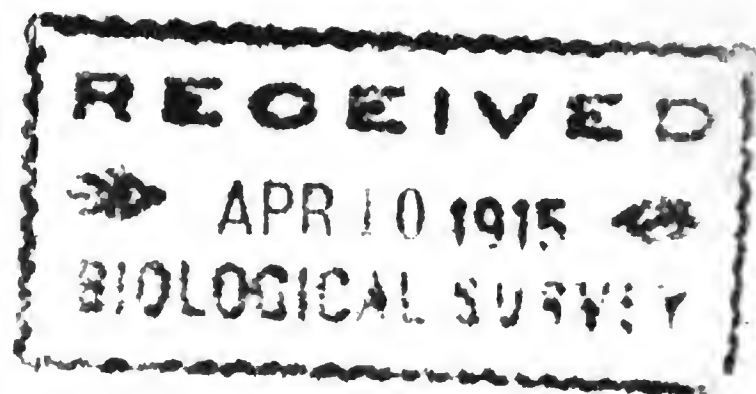
Nov 21

1.9

	Dollars.	Cents.
Breakfast -----		95
Dinner -----		00
Supper -----		
Lodging -----		
Pullman porter -----		25
Waiter fees -----		20
Hotel porter -----		
Station porter -----		
Checking baggage -----		
Arr. Lawrence 5 ¹⁰ P.M.		



SMITHSONIAN INSTITUTION
UNITED STATES NATIONAL MUSEUM
WASHINGTON, D. C.



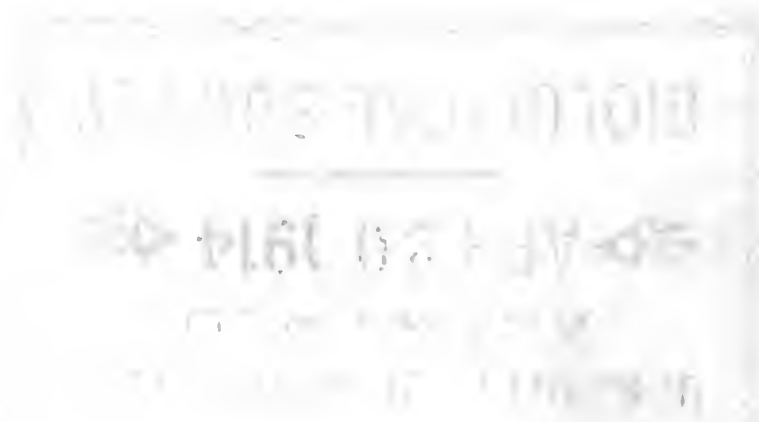
Dear Mr. Wetmore

Mr. Dyar, the Specialist in
Lepidoptera, has studied the moths from Nevada
which you brought in to me a week or more ago
and he reports that the species is not represented
in our Museum collection; it belongs to the
Subfamily Hydriomeninae near the genus
Alsophila or common Cankerworm.

Sincerely Yours

April 7th 1915

Olinus B. Davis



UNITED STATES DEPARTMENT OF AGRICULTURE,
BUREAU OF BIOLOGICAL SURVEY,
WASHINGTON, D. C.

November 17, 1914.

Mr. Alex Wetmore,
Lawrence, Kansas.

Dear Wetmore:

I will not answer your interesting letters at length, but will wait until you return to discuss the problems. I am very glad that you secured so much information in California, and trust that your trip to Keeler will also bring good results.

Various packages have arrived, and those so marked are being held until you return.

The chemist is waiting for your return before completing his analyses of the various waters submitted. He believes it is better to examine for certain things rather than to make a complete analysis of each sample. W.

Your application for leave has been approved.

With kind regards, I am,

Very truly yours,



In charge, Economic Investigations.

W. H. A.

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY
WASHINGTON, D. C.

Panguitch, Utah.
October 28. 1914

Mr. Alex Wetmore
U.S. Biological Survey
Ogden, Utah,

Dear Mr. Wetmore:

Your letter of October
24th received today.

I would suggest that you
see Director C. P. Gillette, State
Entomologist & Dr. Geo. Flores, head
of the Veterinary Science department.
You will find both of these men
at the Agricultural College.

Very truly yours

R. C. Hard.

UNITED STATES DEPARTMENT OF AGRICULTURE,
BUREAU OF BIOLOGICAL SURVEY.

No. 85-Bi.

EXPENDITURE AUTHORIZATION.

Washington, D. C. Oct. 27, 1914.

...Mr. Alex Wetmore,...

.....Assistant Biologist,.....

You are advised that L. A. No. 71-Bi. dated Sept. 17, 1914, which authorizes you to perform travel in San Joaquin Valley, California, is hereby amended so as to grant you authority to visit other points in California, and travel in other States where duck mortality has been reported. You are also authorized to purchase necessary field supplies.

The amount is not hereby increased.

Your permanent headquarters will be Washington, D. C.

A true copy:

A. B. Marion
Chief Clerk and Executive Assistant.

H. M. Genshaw

.....
Chief.

† rank Kennedy

† Kider

Long & Co. Calif.

Thos. A. Ulf

AFTER FIVE DAYS RETURN TO

HOLLOWAY & JONES

DEALERS IN

**GROCERIES, FLOUR, HAY AND GRAIN
LAWRENCE, KANSAS**

Thos

100

*11.05.12
to 10.12.12*

10-29-14.

D

UNITED STATES DEPARTMENT OF AGRICULTURE,
BUREAU OF BIOLOGICAL SURVEY,
WASHINGTON, D. C.

October 23, 1914.

Mr. Alex Wetmore,
Marion Hotel,
Ogden, Utah.

Dear Mr. Wetmore:

The expert of the Bureau of Chemistry, who is engaged in the analysis of the water sent in by from the vicinity of Salt Lake, suggested yesterday that it might be well for us to determine whether or not nematodes have any agency, direct or indirect, in the disease which has proved so fatal to the water-fowl of Utah. I am of the opinion, fully shared by Doctor Cobb, nematode expert, that nematodes have no active agency in producing the disease. Nevertheless, Doctor Cobb is of the opinion that an attempt should be made to ascertain definitely what agency, if any, is played by one or more species of nematodes in producing this or in fact any disease of water-fowl. I am sending, therefore, four bottles, one to be used as a graduate, two containing crystals, and the fourth acetic acid, with which to make a solution to preserve the material for forwarding by mail. I do not include formalin, which is called for, assuming that you have that. To collect nematodes it is only necessary to follow the exact procedure of collecting diatoms, only in this case you should select if possible aquatic plants upon which the ducks are known to feed. It is only necessary to squeeze these into a wide-mouth container until you have a reasonable amount of mud or ooze, letting the water settle and then treating the ooze with the solution, after which it should be mailed according to directions. Doctor Cobb would also like some

Mr. Alex Wetmore - 2.

specimens of the mud sent in without treatment, with a view if possible of finding living nematodes. Perhaps the easiest way for you to do this is to collect some of the aquatic plants and sprinkle them well with the ooze, and forward in a stout box; provided the vegetation keeps moist, the nematodes will live in the mud and ooze attached to the plants...

Doctor Cobb also suggests that it might be well for you to examine the blood of affected ducks under a moderate power objective - say one-sixth - with a view of determining whether the ducks carry nematodes in the larval state in their blood. These, when alive, are sufficiently mobile to make their detection very easy provided they exist in sufficient numbers to be of pathologic interest. I fear it may be too late to make this last test, but it is possible that there are still enough affected ducks for the experiment.

Broadly speaking, the ducks of the Salt Lake Valley may be divided into two great groups - those which are reared in the marshes about the Lake and the vicinity, and the migrants. As a result of your observations, are you sure that the diseased ducks include the individuals reared in the locality? I presume there is no doubt that they do. Secondly, as a result of your observations, can you tell how soon after migrants appear in the locality they are affected by the disease? Any information tending to throw light on this subject will be of interest.

The recipe for the solution to preserve the material is enclosed.

Mr. Alex Wetmore - 3.

Trusting that you will have no difficulty in getting material for Doctor Cobb's examination, I remain

Very truly yours,

J. M. Henshaw

Chief, Biological Survey.

N. B. - Doctor Cobb is very certain that if nematodes infested the digestive tracts of the diseased ducks in sufficient numbers to produce a serious sickness this fact would not have been overlooked by the experts of the Bureau of Animal Industry when they examined the dead ducks that have been sent in from Salt Lake. Apparently, however, nobody has ever looked in the blood for the larval form of nematodes.

POSTAL TELEGRAPH – COMMERCIAL CABLES

CLARENCE H. MACKAY, PRESIDENT.

COUNTER No.

TIME FILED

M.

TELEGRAM

CHECK

The Postal Telegraph-Cable Company (Incorporated) transmits and delivers this message subject to the terms and conditions printed on the back of this blank

DESIGN PATENT No. 40529

Send the following message, without repeating, subject to the terms and conditions printed on the back hereof, which are hereby agreed to.

(CONFIRMATION)

San Francisco, Oct. 23, 1914.

ALEXANDER WETMORE,
c/o Game Commissioner Chambers,
Salt Lake City, Utah.

On account open season sick ducks disappeared
Useless for you to come Will write fully

FISH AND GAME COMMISSION

(CHARGE TO OUR ACCT.)

POSTAL TELEGRAPH-CABLE COMPANY IN CONNECTION WITH THE COMMERCIAL CABLE COMPANY



THE GREATEST TELEGRAPH AND CABLE SYSTEM IN THE WORLD. EXTENDS OVER TWO-THIRDS OF THE WAY AROUND THE EARTH.

THE POSTAL TELEGRAPH-CABLE COMPANY (INCORPORATED)

TRANSMITS AND DELIVERS THE WITHIN MESSAGE SUBJECT TO THE FOLLOWING TERMS AND CONDITIONS :

To guard against mistakes or delays, the sender of a message should order it REPEATED; that is, telegraphed back to the originating office for comparison. For this, one-half the regular rate is charged in addition. It is agreed between the sender of the message written on the face hereof and the Postal Telegraph-Cable Company, that said Company shall not be liable for mistakes or delays in the transmission or delivery, or for non-delivery, of any UNREPEATED message, beyond the amount received for sending the same; nor for mistakes or delays in the transmission or delivery, or for non-delivery, of any REPEATED message beyond fifty times the sum received for sending the same, unless specially insured, nor in any case for delays arising from unavoidable interruption in the working of its lines, or for errors in cipher or obscure messages. And this Company is hereby made the agent of the sender, without liability, to forward any message over the lines of any other Company when necessary to reach its destination.

Correctness in the transmission of messages to any point on the lines of the Company can be insured by contract in writing, stating agreed amount of risk, and payment of premium thereon, at the following rates, in addition to the usual charge for repeated messages, viz.: one per cent. for any distance not exceeding 1,000 miles, and two per cent. for any greater distance.

No responsibility regarding messages attaches to this Company until the same are presented and accepted at one of its transmitting offices; and if a message is sent to such office by one of this Company's messengers, he acts for that purpose as the agent of the sender.

Messages will be delivered free within the established free delivery limits of the terminal office. For delivery at a greater distance a special charge will be made to cover the cost of such delivery.

This Company shall not be liable for damages, or statutory penalties in any case where the claim is not presented in writing within sixty days after the message is filed with the Company for transmission.

This is an UNREPEATED Message and is transmitted and delivered by request of the sender under the conditions named above. Errors can be guarded against only by repeating a message back to the sending station for comparison.

The above terms and conditions shall be binding upon the receiver as well as the sender of this message.

No employee of this Company is authorized to vary the foregoing.

CLARENCE H. MACKAY, PRESIDENT.

CHARLES C. ADAMS, VICE-PRESIDENT.

EDWARD REYNOLDS, VICE-PREST. AND GENERAL MANAGER.

CHARLES P. BRUCH, VICE-PRESIDENT.

POSTAL TELEGRAPH—FASTEST SERVICE IN THE WORLD

10-24-14.

D

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY
WASHINGTON, D. C.

October 20, 1914.

Mr. Alex Wetmore,

Ogden, Utah.

Dear Mr. Wetmore:

I note in your letter of October 11 to Mr. McAtee that you speak of the work about Salt Lake as near an end. Before authorizing an extension of the work to California I should like, in Doctor Fisher's absence, to know a little more about what you propose to do. The last that I heard of the situation in San Joaquin Valley was that owing to the abundant rains there is practically no disease among the ducks of the valley, and if those are the actual facts of the case I see no special necessity for making the trip, which, of course, will entail considerable expense and, if undertaken, should promise adequate returns. Are there any other localities in the West where duck disease, supposedly similar to that which prevails among the ducks of Salt Lake Valley, is now prevalent?

As stated above, I would like further details before authorizing the trip and will beg you in your reply to give me all the details in regard to the duck situation in other parts of the country that may have come to your notice.

Very truly yours,

J. H. Henshaw

Chief, Biological Survey.

10-3-14

H UNITED STATES DEPARTMENT OF AGRICULTURE
 BUREAU OF BIOLOGICAL SURVEY
 WASHINGTON, D. C.

September 29, 1914.

Mr. Alex Wetmore,
Care, Marion Hotel,
Ogden, Utah.

Dear Wetmore:

Your telegram relating to the duck disease in California was received today. I had the same information in a letter from Doctor Fisher and wondered whether he would communicate with you in time to prevent your starting for California. In case you get word later that it is desirable to make the trip you are authorized to go. Please telegraph the date of starting so that we shall know what period your salary is to be charged up to one appropriation and what to another.

Very truly yours,

W. R. McAtee

Acting in Charge,
Economic Investigations.

9-26-14

H

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY
WASHINGTON, D. C.

September 18, 1914.

Mr. Alex Wetmore,
Corinne, Utah.

Dear Mr. Wetmore:

In accordance with the provisions of Letter of Authorization 71-Bi, dated September 17, 1914, you are instructed to proceed, on or about October 1, 1914, from the Salt Lake Valley, Utah, to the lakes in San Joaquin Valley, California, for the purpose of investigating the feeding habits of waterfowl in that section and the nature of the disease causing the death of large numbers of these birds.

If time permits you should as usual collect specimens to improve our reference collections.

On the completion of this work, which will require about fifteen days, you should return to the Salt Lake Valley, Utah, and resume your investigations in that section.

Keep this office informed of the dates on which you commence this work and return to Salt Lake City, in order that we can charge your salary and other expenses to the proper appropriation.

Very truly yours,

J. M. Henshaw
Chief, Biological Survey.

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UNITED STATES DEPARTMENT OF AGRICULTURE
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change independent

BUREAU OF BIOLOGICAL SURVEY

Letter of Authorization.

No. 71-B1.

Washington, D. C. Sept. 17, 1914.

Mr. Alex Wetmore,

Assistant Biologist.

Under authority contained in the Secretary's letter No. 8 Sec., dated July 1, 1914, you are hereby authorized to incur such expenses as may be necessary, in accordance with the Fiscal Regulations of the Department, for the purpose stated, and during the period named below, not to exceed

\$ 200.00, to be paid from the appropriation "General Expenses, Bureau of Biological Survey, 1915." (Food Habits of

Birds and Mammals).

To proceed on or about October 1, 1914, from Salt Lake City, Utah, to the lakes in San Joaquin Valley, California, for the purpose of investigating the feeding habits of waterfowl in that section and the nature of the disease causing the death of large numbers of these birds.

On the completion of this work, which will require about fifteen days, you should return to Salt Lake City, Utah.

~~& No expenses for freight charges must be incurred hereunder.~~

Your permanent headquarters will be Washington, D. C.

H. W. Henshaw

Chief, Biological Survey.

A true copy:

apm

Chief Clerk and Executive Assistant.

Octobu cash expenditures
transportation requests

6.75
40.75

47.50

W. M. J. J. J. J.

A true copy:

Chief Clerk and Executive Assistant

10-24-14

Cache Valley Banking Company

DIRECTORS:

HEBER PARKER OLIF CRONQUIST
JOSEPH NEWBOLD HYRUM NEBEKER
GODFREY FUHRMAN ALVIN H. THOMPSON
JOSEPH E. SHEPARD HYRUM HAYBALL
 GEORGE H. CHAMP

CAPITAL AND SURPLUS \$120,000.00

OFFICERS:

GEORGE H. CHAMP, PRESIDENT.
ALVIN H. THOMPSON, VICE-PRESIDENT
HYRUM HAYBALL, VICE-PRESIDENT
JOSEPH E. SHEPARD, CASHIER
NATHANIEL W. HAWS, ASS'T CASHIER

Logan, Utah. Oct. 17, 1914.

Mr. Alex. Wetmore,
c/o Hotel Marion,
Ogden, Utah.

U. S. DEPT OF AGRICULTURE
ANSWERED
FEB 8 1914
BIOLOGICAL SURVEY

Dear Sir:-

As per promise when I saw you in Ogden last Sunday I have made some inquiries of local parties who are familiar with the situation in regard to the condition of ducks in this locality.

I understand that the trouble occurred in 1911,--there were a great many birds came over from the mouth of Bear River and located in our locality. They seemed to be afflicted with a disease similar to Roop and on examination found that they were affected by Cholera. It was noticed that after remaining here some little time, and having access to plenty of fresh water, the birds recovered from the disease. It seems that there has been no trouble since the above named date.

Yours truly,

Joseph E. Shepard

10-25-14

H

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY
WASHINGTON, D. C.

October 17, 1914.

Mr. Alex Wetmore,
Care, Marion Hotel,
Ogden, Utah.

Dear Wetmore:

The ink which you ask for has been sent. Mr. Henshaw has written a letter to the Chief Clerk of the Land Office, requesting that a map of California be sent to you at Ogden.

Doctor Fisher gave the data relating to the changes to be made in your letter of authorization and a memorandum on this subject has just been turned in. A copy of the amendment will be sent to you as soon as it has been approved.

Sincerely yours,

W. L. McAttee

Acting in Charge,
Economic Investigations.

10-11-14

H

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY
WASHINGTON, D. C.

October 3, 1914.

Mr. Alex Wetmore,
Care, Marion Hotel,
Ogden, Utah.

Dear Mr. Wetmore:

The water samples you recently sent have been received and will be transmitted to the Bureau of Chemistry at once. All of the other packages have arrived safely. The small ones which you have marked "Hold" are in your desk and the large ones in the taxidermist's shop.

Concerning your camera, I should think it would be best to wedge the diaphragm open or remove it altogether and depend on snapshots entirely. If you have a good lens you will have fair success with detail pictures even then.

Your report on the number of ducks killed at the opening of the season suggests that you may have a good opportunity of collecting stomachs and crops showing what the normal food of ducks of the region is. We shall have to get material from this locality sometime and may as well begin now.

I wish to congratulate you on the result of your experiment in producing the disease in teal with an alkaline solution. Even if sick ducks are lacking you can undoubtedly do good by continuing these experiments. From your success in killing teal I should judge that

that you are in a fair way to determine just which alkali is the most injurious from your experiments on them separately.

Mr. Oberholser says that it is very desirable to have specimens of Cormorant from the region you are now in. From the Mississippi Valley west the inland breeding form of Cormorant has never been identified and as there is known to be a colony at Great Salt Lake you should collect specimens if possible.

Wishing you continued success in the work, I remain,

Very truly yours,

W. R. Mott

Acting in Charge,
Economic Investigations.

POSTAL TELEGRAPH - COMMERCIAL CABLES

CLARENCE H. MACKAY, PRESIDENT.

RECEIVED AT

159 SO. MAIN ST.

PHONE WADSWORTH

TELEGRAM

DELIVERY No.

The Postal Telegraph-Cable Company (Incorporated) transmits and delivers this message subject to the terms and conditions printed on the back of this blank

DESIGN PATENT No. 40320

35 NY 14 523-T

San Francisco Calif Oct 1914

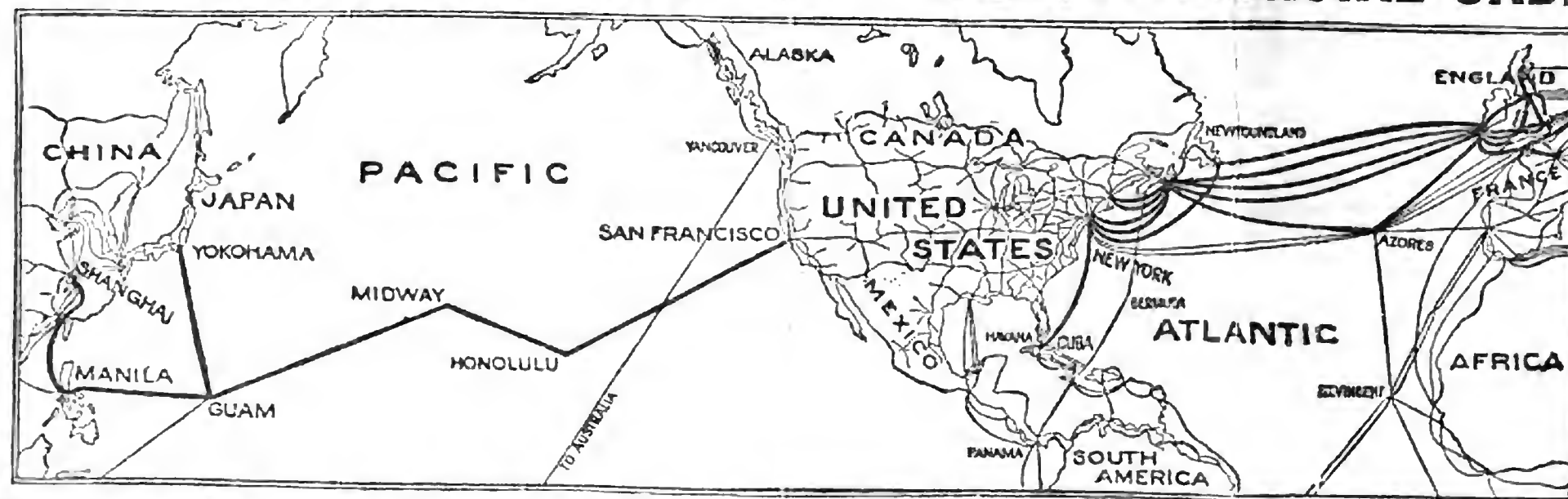
Alex Wetmore

U S Dep of Agriculture have had 100000 birds
Reported twenty thousand dead ducks south shore Tulare Lake
wire if you can investigate

Fish and Game Commission

*Received from
Chambers October 23
a.m.*

POSTAL TELEGRAPH-CABLE COMPANY IN CONNECTION WITH THE COMMERCIAL CABLE COMPANY



THE GREATEST TELEGRAPH AND CABLE SYSTEM IN THE WORLD. EXTENDS OVER TWO-THIRDS OF THE WAY AROUND THE EARTH.

THE POSTAL TELEGRAPH-CABLE COMPANY (INCORPORATED)

TRANSMITS AND DELIVERS THE WITHIN MESSAGE SUBJECT TO THE FOLLOWING TERMS AND CONDITIONS:

To guard against mistakes or delays, the sender of a message should order it REPEATED; that is, telegraphed back to the originating office for comparison. For this, one-half the regular rate is charged in addition. It is agreed between the sender of the message written on the face hereof and the Postal Telegraph-Cable Company, that said Company shall not be liable for mistakes or delays in the transmission or delivery, or for non-delivery, of any UNREPEATED message, beyond the amount received for sending the same; nor for mistakes or delays in the transmission or delivery, or for non-delivery, of any REPEATED message beyond fifty times the sum received for sending the same, unless specially insured, nor in any case out liability, to forward any message over the lines of any other Company when necessary to reach its destination.

Correctness in the transmission of messages to any point on the lines of the Company can be INSURED by contract in writing, stating agreed amount of risk, and payment of premium thereon, at the following rates, in addition to the usual charge for repeated messages, viz.: one per cent. for any distance not exceeding 1,000 miles, and two per cent. for any greater distance.

No responsibility regarding messages attaches to this Company until the same are presented and accepted at one of its transmitting offices; and if a message is sent to such office by one of this Company's messengers, he acts for that purpose as the agent of the sender.

Messages will be delivered free within the established free delivery limits of the terminal office. For delivery at a greater distance a special charge will be made to cover the cost of such delivery.

This Company shall not be liable for damages or statutory penalties in any case where the claim is not presented in writing within sixty days after the message is filed with the Company for transmission.

This is an UNREPEATED Message and is transmitted and delivered by request of the sender under the conditions named above. Errors can be guarded against only by repeating a message back to the sending station for comparison.

The above terms and conditions shall be binding upon the receiver as well as the sender of this message.

No employee of this Company is authorized to vary the foregoing.

CHARLES C. ADAMS, VICE-PRESIDENT.

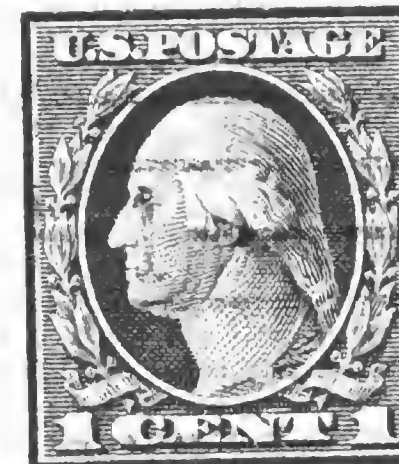
CLARENCE H. MACKAY, PRESIDENT.
EDWARD REYNOLDS, VICE-PREST. AND GENERAL MANAGER.

CHARLES P. BRUCH, VICE-PRESIDENT.

POSTAL TELEGRAPH—FASTEST SERVICE IN THE WORLD

After 5 days return to
FISH AND GAME COMMISSION
Mills Building
SAN FRANCISCO, CAL.

*mailed copy rec'd Oct. 23
forwarded to Dr. Fisher*



Mr. Alex Wetmore,

U. S. Dept. of Agriculture,

Salt Lake City,

Utah.

c/o Fred W. Chambers.

Blackfoot, Idaho,

Sept. 20, 1914.

Dear Sir:

In response to your letter, I beg to say that I have made some inquiry among those in a position to know, and have been informed that it does not appear to be the case that ducks are dying in unusual numbers in the vicinity of the Blackfoot reservoir or that the ducks in this vicinity are suffering from any such disease as you mention.

Yours very truly,

L. J. Jones
Postmaster.

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY
WASHINGTON, D. C.

Corinne Utah
Sept. 15, 1914

Postmaster

Blackfoot, Idaho,

Dear Sir:

I have heard a rumor recently that ducks
have been dying, ^{from some strange malady} in some numbers on the Blackfoot reservoir
and wish to know whether you can verify this or not.
Any of the local sportsmen or the president of the local
gun club should be able to give the required
information as to the number of birds dying, symptoms
of the trouble, actions of birds and so forth. Could you
secure this information for me I would consider a
great favor. ~~Our~~ answer may be returned in the
frankel envelope enclosed. I am,

Very truly yours

Alex Wetmore
Assistant Biologist

9-27-14

H

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY
WASHINGTON, D. C.

September 18, 1914.

Mr. Alex Wetmore,
Corinne, Utah.

Dear Wetmore:

Enclosed are prints of films from Rolls 6, 7, and 8. Mr. Kent showed me these rolls of film and it is evident that something is interfering with the proper working of your camera. Maybe your shutter was not working right or the diaphragm not open wide enough. The films that were spoiled were all underexposed.

As yet we have had no report on the water examinations but I am sending the last three along today.

Proof of your review in the Auk has been received and I will carefully compare it with copy and return it.

Very truly yours,

W. R. M. Attee

Acting in Charge,
Economic Investigations.

Hooper, Utah, Sept. 13/14

Mr Alexander Whitman.

Salt Lake City

Dear Sir,

I have some
more information regarding
the Sick Truck and would
like for you to call on us
as soon as possible.
Your prompt attention is
requested

Respectfully

W. H. O. Roberts
Per L. H. B.

H

9-15-14

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY
WASHINGTON, D. C.

September 9, 1914.

Mr. Alex Wetmore,
Corinne, Utah.

Dear Mr. Wetmore:

Both lots of samples of water which you sent in were safely received and have been forwarded to the Bureau of Chemistry. We referred the bird parasites in conformance with the suggestion made in a previous letter, and they came back with the statement that they could not be identified without a complete review of bird parasites in general, which at the present time is impossible.

I do not understand from your letter whether you wish to have chemical or microscopical examinations of blood and renal matter made. The purpose would undoubtedly make a difference in the method of preservation desirable and certainly would decide to whom I shall go to get instructions regarding a method.

The formalin and other supplies which you request have been sent. I would suggest that, if you find it practicable, you buy formalin locally since we have no convenient way of sending it in large quantities.

With best wishes,

Sincerely yours,

W. R. McAtee

Acting in Charge,
Economic Investigations.

wrote to Blackfoot
9.15.14

Oregon-Washington Limited

CHICAGO AND NORTH WESTERN RY.
UNION PACIFIC RAILROAD COMPANY
OREGON SHOR LINE R.R. COMPANY
OREGON-WASHINGTON R.R. & NAV. CO.

En Route Portland
Sept. 9. 14

dear Wetmore: -

Will attempt a few lines
on this swaying train - but doubt
if they will be legible.

I learned, last evening, that hawks
have recently been dying on the
Blackfoot reservoir - near Blackfoot
Idaho. (Sugar factory up stream from
the reservoir, or dam). The hotel man
at American Falls told me - but was
not certain of the source of information.

It may be worth while to write to the
Post master at Blackfoot, asking him
if there is any truth in the statement

and to refer the question to some prominent sportsman — or to the president of the local gun club.

It might prove interesting if birds actually died on the drum.

Hope you succeed in deciphering this —

Sincerely
J. L. Piper

UNITED STATES DEPARTMENT OF AGRICULTURE,
BUREAU OF BIOLOGICAL SURVEY.

No. ~~24~~ 65-B1.

EXPENDITURE AUTHORIZATION.

Washington, D. C. Sept. 9, 1914.

Mr. Alex Wetmore,

Assistant Biologist.

You are advised that L. A. No. 34-B1, dated July 1, 1914, is hereby amended so as to increase the amount that may be expended thereunder from \$500.00 to \$1,000.00, to be paid from the appropriation "General Expenses, Bureau of Biological Survey, 1915" (Investigating Disease of Wild Ducks in Salt Lake Valley).

Your permanent headquarters will be Washington, D. C.

A true copy:

ABM

Chief Clerk and Executive Assistant.

E. W. Nelson

Acting Chief.

9-15-14

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY
WASHINGTON, D. C.

August 27, 1914.

Dear Sir:

I am this day mailing you under separate cover a copy of the field diary, which the Department regulations require to be kept by all travelling employees. See instructions on the inside of the front cover. When this diary is completed it should be returned to this Bureau for permanent record. The data contained therein is for use in the Secretary's Office.

Very truly yours,

E. W. Nelson
Acting Chief, Biological Survey.

8-22-1914

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY
WASHINGTON, D. C.

August 18, 1914.

Mr. Alex. Wetmore,
141 South 2d East Street,
Salt Lake City, Utah.

Dear Wetmore:

Dr. Fisher left for the West on Saturday and I am answering your last letter. Do you want any of the alcoholic material you sent identified by the Bureau of Animal Industry? If you do, I will get it out and send it over there. The various shipments of material which you mention have been received, with the exception of the nesting material of the spotted sandpiper. I have been unable to get any trace of this so far. I had a talk with the Chief of the Division of Water Analysis, of the Bureau of Chemistry, yesterday and he gave the following directions regarding taking of samples. Get two quart bottles for each sample and put a tablespoonful of formalin into each. He did not seem to think that the number you mentioned, about 15 or 20, was excessive. They will determine the ^{ro}portion of all heavy ^{metals} and ~~other~~ salts in the water. This will give you a basis for the experimental work you spoke of before leaving Washington, and I think it would be a good thing to try different concentrations of the various salts as soon as you can. Dr. Skinner, the man I consulted in the Bureau of Chemistry, says that calcium chloride especially and also magnesium chloride are active irritants. I have

AW-2

no doubt he will give information about other things which may be present in the water, after he has made the analyses.

With best wishes for success in your work,

I am,

Sincerely yours,

W. L. M. Allen

WLM-C

Acting in Charge, Economic Investigations.

8-18-14

H

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY
WASHINGTON, D. C.

August 5, 1914.

Mr. Alex Wetmore,
141 South 2nd East Street,
Salt Lake City, Utah.

Dear Mr. Wetmore;

I will acknowledge the receipt of your letters of
July 13, 20, 22, and 28, which are of interest to me.

I am glad that the various people^{are}/interested in the
subject and are willing to give you full assistance.
In the course of your investigations give all the infected
localities the advantage of your observations. I do not
want Mr. Bigelow to think that you are devoting too much
attention to the Salt Lake areas or Mr. McCornick or the
other men in Salt Lake City to have the idea that Bear
River is receiving too much of your attention.

There should be no trouble in securing ducks for
experimental purposes as it is not necessary to specify
them as domestic.

Doctor Mohler was wired to return to Washington before
he reached Salt Lake City so that it may be some little time
before he visits that locality.

If as you think it is true that low water is the cause
of the trouble, examine the topography to see if reserve
water could be stored for flushing purposes.

I have ordered the numbered tags for banding ducks and
have the promise that they will be delivered in about ten

Wetmore...2.

days.

The stomachs, skins and bats arrived safely.

I am interested to know that I sized up correctly the qualifications of a certain investigator in Salt Lake City. I doubt very much whether you would be benefited through his cooperation.

I am hoping to leave Washington about the 15th, but at present cannot give you any idea when I will visit the Salt Lake Valley.

With best wishes,

Very truly yours,

A handwritten signature in cursive script, appearing to read "A. K. Fisher".

In Charge, Economic Investigations.

8-17-14-

H UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY
WASHINGTON, D. C.

July 29, 1914.

Mr. Alex Wetmore,
Care, Cullen Hotel,
Salt Lake City, Utah.

My dear Wetmore:

We enclose a set of your prints for labeling and return.

The various lots of insects that you sent in have been received in fairly good condition.* In one or two boxes evidently a live insect had traveled around, reducing the others more or less to fragments.

I have been interested in reading your two reports on progress and trust you will have success in further investigations.

Very sincerely,

W. R. McAtee

Acting in Charge,
Economic Investigations.

* Please use tissue paper instead of cotton for packing. The latter gets tangled in tarsal claws in a deplorable manner.

D

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY
WASHINGTON, D. C.

July 7, 1914.

Mr. Alex Wetmore,

Assistant Biologist.

Dear Mr. Wetmore:

In accordance with Letter of Authorization 31-Bi, dated July 1, 1914, you will proceed, on or about July 8, to the Salt Lake Valley where you will investigate the nature and origin of the disease which has prevailed among the ducks of that region for several years. The nature of this work precludes detailed instructions which might hamper your investigations. Your preliminary work will be in the nature of a reconnoissance of the region in which the disease occurs and a study of local conditions to discover, if possible, the cause of the trouble. The solution of the problem involves much thought and care, since, as you already know, bacterial and chemical postmortem examinations have so far shown negative results.

You should enter this new work without preconceived theories, and be ever ready to follow up suggestions that promise to lead towards a solution of the problem. You should carry on feeding and other experiments with healthy and sick birds, making careful notes thereon, and secure what information you can from outside sources.

The Game Commission of Utah and the sportsmen of Salt Lake City and Ogden have offered to give assistance and to aid the investigation in every way possible. Valuable hints as a guide to your work may be

Mr. Alex Wetmore - 2.

obtained from them. If, after your preliminary examination, you find that the assistance of a bacteriologist or chemist is necessary, you should communicate at once with the office, when the necessary arrangements will be made.

It may be a good plan to band all sick birds which recover and are liberated. Valuable data may thus be obtained in case secondary infections occur.

Wishing you a successful and pleasant summer, I am

Very truly yours,

H. M. Henshaw

Chief, Biological Survey.

28.201

AP 11

UNITED STATES DEPARTMENT OF AGRICULTURE

PP 351

PP 31

BUREAU OF BIOLOGICAL SURVEY

Letter of Authorization.

No. 34-B1.

Washington, D. C. July 1, 1914.

Mr. Alex. Wetmore,

Assistant Biologist.

Under authority contained in the Secretary's letter No. 8 Sec., dated July 1, 1914, you are hereby authorized to incur such expenses as may be necessary, in accordance with the Fiscal Regulations of the Department, for the purpose stated, and during the period named below, not to exceed \$500.00, to be paid from the appropriation, General Expenses, Bureau of Biological Survey, 1915. (Investigating disease of wild ducks in Salt Lake Valley).

To proceed from Washington, D. C., on or about July 8 to Salt Lake Valley, Utah, and perform necessary travel in the State of Utah during the fiscal year 1915, for the purpose of carrying on investigations, to determine the cause of the great mortality among wild ducks which has occurred during the past three or four seasons. You are further authorized to hire temporary quarters for carrying on these experiments, to hire temporary assistants, to pay for their transportation and subsistence, to purchase specimens of wild ducks, field supplies and incur such other incidental expenses as may be found necessary in the carrying out of this work. Upon completion of your investigations you are directed to return to your official station, Washington, D. C.

No expense for freight charges must be incurred hereunder.

Your permanent headquarters will be Washington, D. C.

H. W. Henshaw

Chief, Biological Survey.

A true copy

adm.

Chief Clerk and
Executive Assistant.

month
July

Cash expenditure
transportation requests

103.85

74.92

total on authorization

178.77

178.77

Salary

133.33

312.10

Suspended

27.50

August

Cash expenditure

transportation requests

Total

154.35

154.01

7.50

312.86

suspended in Aug.

.65

Total

312.21

256.75

4.00

571.96

Sept.

Cash expenditure

transportation requests

suspended Sept.

1.60

Total

570.36

139.45

10.60

720.41

Octobn

Cash expenditure

transportation requests

[Signature]